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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 5000-1-416

First Inventor Ki-Cheol Lee, et al.

Title Large-capacity optical router...

Express Mail Label No. EV 326741918 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. **Fees Transmittal Form (e.g., PTO/SB/17)**
(Submit on original and a duplicate for processing)
2. **Applicant claims small entity status.**
3. **Specification** [Total Pages 29]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. **Drawing(s) (35 U.S.C. 113)** [Total Sheets 10]
5. **Oath or Declaration** [Total Pages]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)

i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. **Application Data Sheet.** See 37 CFR 1.66

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 202317. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)a. Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. CD-ROM or CD-R (2 copies); orii. paperc. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. **Assignment Papers** (cover sheet & document(s))
37 CFR 3.73(b) Statement Power of Attorney
10. **When there is an assignee** Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. **Certified Copy of Priority Document(s)**
(if foreign priority is claimed)
16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.

 Continuation Divisional Continuation-in-part (CIP)

of prior application No. /

Group Art Unit

Prior application information: Examiner

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	33942 (Insert Customer No. or attach bar code label here)			<input type="checkbox"/> Correspondence address below
Name				
Address				
City	State		Zip Code	
Country	Telephone			Fax
Name (Print/Type)	Steve S. Cha	Registration No. (Attorney/Agent)	44,069	
Signature				Date 8/12/02

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

03943 U.S. PTO
10/16/200203943 U.S. PTO
10/16/2002

17698
08/12/03
U. S. PTO

PTO/SB/17 (01-03)

Approved for use through 04/30/2003. GMB 0651-0302
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT **(\$ 790.00)**

Complete if Known

Application Number	Not yet assigned
Filing Date	August 12, 2003
First Named Inventor	Ki-Cheol Lee, et al.
Examiner Name	Not yet assigned
Art Unit	Not yet assigned
Attorney Docket No.	5000-1-413

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number 502-470

Deposit Account Name CHA & REITER

The Commissioner is authorized to: (check all that apply)
 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity / Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051	65	Surcharge - late filing fee or oath	
1052 50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053	130	Non-English specification	
1812 2,520	1812	2,520	For filing a request for ex parte reexamination	
1804 920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251	55	Extension for reply within first month	
1252 410	2252	205	Extension for reply within second month	
1253 930	2253	465	Extension for reply within third month	
1254 1,450	2254	725	Extension for reply within fourth month	
1255 1,970	2255	685	Extension for reply within fifth month	
1401 320	2401	160	Notice of Appeal	
1402 320	2402	160	Filing a brief in support of an appeal	
1403 280	2403	140	Request for oral hearing	
1451 1,510	1451	1,510	Petition to institute a public use proceeding	
1452 110	2452	55	Petition to revive - unavoidable	
1453 1,300	2453	650	Petition to revive - unintentional	
1501 1,300	2501	650	Utility issue fee (or reissue)	
1502 470	2502	235	Design issue fee	
1503 630	2503	315	Plant issue fee	
1460 130	1460	130	Petitions to the Commissioner	
1807 50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806	180	Submission of Information Disclosure Stmt	
8021 40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
1809 750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801	375	Request for Continued Examination (RCE)	
1802 900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

(Complete if applicable)

SUBMITTED BY

Name (Print/Type)	Steve S. Cha	Registration No. (Attorney/Agent)	44,069
Signature		Date	8/12/03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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